

Base Station Physicians' Committee (BSPC) - 2010 Meeting Minutes

BSPC Minutes - January 19, 2010

BSPC Minutes - February 16, 2010

BSPC Minutes - March 16, 2010

BSPC Minutes - April 20, 2010

BSPC Minutes - May – no meeting

BSPC Minutes - June 15, 2010

BSPC Minutes - July 20, 2010

BSPC Minutes - August – no meeting

BSPC Minutes - September 21, 2010

BSPC Minutes - October 19, 2010

BSPC Minutes - November 16, 2010

BSPC Minutes - December – no meeting



County of San Diego

NICK MACCHIONE, FACHE
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY PUBLIC HEALTH SERVICES

WILMA J. WOOTEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Community Epidemiology
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Vital Records

Base Station Physicians' Committee (BSPC)

Ian Reilly, M.D., Chairperson
c/o Emergency Medical Services
6255 Mission Gorge Road
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(619) 285-6429 Fax: (619) 285-6531

BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, January 19, 2010

Members Present

Dunford, M.D., Jim – City of San Diego
Grad, M.D., Michele – Palomar/Pomerado
Howard, R.N., LuAnn – Scripps La Jolla
Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – American Medical Response
Linnik, M.D., Bill – Sharp Grossmont
Madati, M.D., Jamil – Rady Children's
Reilly, M.D., Ian – Scripps La Jolla
Workman, R.N., Debi – Palomar College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Smith, R.N., Susan
Stepanski, Barbara

Recorder

Rupp, Merle

Guests Present

Allington, R.N., Linda – Carlsbad Fire
Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Serv. Enterprise
Barron, Dan – San Marcos Fire
Bourdon, R.N., Darlene – Scripps Mercy
Broyles, R.N., Linda – AMR/RCCP
Buckley, M.D., Kevin – Naval Med. Ctr. San Diego
Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Eldridge, R.N., Leslie – Sharp Memorial
Geddes, Mike – Poway Fire
Gross, Toni – Rady Children's
Hudnet, Carlen – S.D. Med. Serv. Enterprise
Idman-Gervais, R.N., Dianne – Sharp Grossmont
Kiefer, Karen – Julian/Cuyamaca Fire Prot. Dist.
Klingensmith, Todd – S.D. Co. Paramedics' Assoc.
Majerczak, R.N., Karen – Tri-City
Maxwell, Jonathan – Poway Fire
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Murphy, R.N., Mary – CSA-17
Ochs, R.N., Ginger – San Diego Fire Rescue
Rosenberg, R.N., Linda – Sharp Memorial
Scott, R.N., Chris – San Diego Fire Rescue
Seabloom, R.N., Lynne – Oceanside Fire
Vogt, Chief Rick – San Marcos Fire
Yeackle, Wes – Naval Med. Ctr. San Diego

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

MOTION made by Michele Grad, M.D., Seconded by Steve Zahller, M.D., to approve the Minutes of November 17, 2009 as submitted. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Resources for Haiti: The state is evaluating what aid resources might be requested/needed in Haiti. Colleen Buono, M.D., UCSD, and three other physicians are currently on their way to Haiti and in the Dominican Republic at this time.

Update on EMS Staff Person: Rebecca Pate, R.N., County EMS, is doing well and continues to serve in Afghanistan, and is now the team leader on the trauma floor at the Naval Hospital there.

EMS Retirement: Merle Rupp, Board Secretary, has decided to retire after 26 years with San Diego County in both Mental Health and Public Health. Mr. Rupp served eleven years working for EMS. He has done a great job, he will be missed, and we wish him well.

H1N1 Update: Cases started dropping in mid-November and continue to diminish to low levels. There have been no influenza-related deaths in San Diego County for several weeks. The percent of deaths with pneumonia and/or influenza are at seasonally expected rates. The average age of H1N1 cases is 27 years. Hospitalized cases average age is 33 years while the age of fatal cases is 45 years. Seventy-five percent of fatal cases have underlying conditions. At this time there is plenty of H1N1 vaccine available in the County if anyone wants it.

County Public Health vaccinated nearly 11,000 patients at five Points of Dispensing (PODs) locations throughout the County in recent weeks. The locations were Qualcomm Stadium, Escondido, National City, Carlsbad and El Cajon. Children under the age of ten need a second dose of H1N1 vaccine.

King Airway: In two major trauma cases the distal portion of the King Airway bent on itself and doubled back into the hypopharynx. Ventilation was preserved as the tube bent beyond the ventilation holes. A review of insertion tips that may minimize this potential will be distributed, the manufacturer's instruction will be re-distributed as well.

Pearls from PAC: New Pearls will be distributed soon. Dr. Haynes encouraged widespread distribution.

2010 Project and CEMSIS Project: These two new projects will be implemented July 1, 2010. The 2010 Project makes changes to EMT certification and discipline and the possibility of a hearing before an administrative law judge. CEMSIS (California EMS Information System) is a registry of data points to bring consistent data across California. A data dictionary should be available soon followed by training. For questions regarding training or to view the system contact Susan Smith, R.N. and for questions about the data dictionary, contact Barbara Stepanski, both with County EMS.

Prasugrel (Effient): This is a new thienopyridine drug similar to Plavix. Initial indications are that it also may result in bleeding after head injury and other conditions. It should be considered when triage decisions are made.

Annex D: The form is under review with a draft that should be available for comment in February, 2010 with the goal of finalizing it by June, 2010.

San Diego County Psychiatric Hospital: Many patients need a medical screening examination in an emergency department before being sent to the psychiatric hospital.

Thoughts on Cyanide: Dr. Haynes requested opinions about the use of cyanide antidote kits, even though kits are not used often and can be expensive. There was support for training in use of facilities kits. Jim Dunford, M.D., City of San Diego, added that the San Diego Poison Center staff could be helpful with information.

Hospital Bypass Update: The prehospital system has not been too busy so hospital emergency rooms have reported low levels of ED bypass for saturation, with the total number of hours on bypass low.

IV. BASE HOSPITAL NURSE COORDINATOR'S REPORT (LuAnn Howard, R.N.)

The Base Hospital Nurse Coordinators met last week and discussed finalizing 2009 audits to be presented at either BSPC or PAC in the future. The group noticed some difficulty obtaining accurate data as far as skills like I.O. and intubations with the King Airway as it is not always reflected in the nurses' documentation. When documented by the paramedics, that information is not always readily available to the coordinators. Ms. Howard plans on asking agencies to forward any information ahead of arrival so that's reflected from the field.

The group also noticed in Mass Patient Incidents (MPIs) with three or more patients on scene, there have been issues with multiple bases being contacted and duplicate patient personal records (PPRs) on the same patients leading to confusion.

The BHNC's have also noticed that the categories of mild and acute status are used much more widely than moderate, with mild status being used most frequently. Much discussion ensued. Dr. Dunford suggested polling the last ten years and Ms. Stepanski said that query could be done.

V. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

ROC is under-going a site visit right now to wrap up ROC Prime. The FDA has been reviewing how hospital care is defined and if it is defined in the same way as trauma care. Position statements have been circulated.

New trials in the future for cardiac arrest include hypothermia in the field, the new formulation of amiodarone, and continuous CPR compressions with or without ventilation; however, there are a lot of problems with that protocol.

Upcoming trauma trials will likely be a fluid resuscitation for trauma patients who are in shock, estrogen for head-injured patients and shock patients.

VI. EMERGENCY CARDIAC CARE CONFERENCE UPDATE (Jim Dunford, M.D.)

This conference will be held December 8-11, 2010 on the USS Midway near downtown San Diego. It will give an opportunity for folks to come and be involved in work shops and learn about the new CPR and ACLS guidelines which will be published in late November, 2010. The major focus is to improve bystander CPR care. The event will be sponsored by the Citizen CPR Foundation. The hope is to train 5,000 people or more here in San Diego, so trainers will be solicited. The Boy Scouts of San Diego County will participate.

CARES Program: Dr. Dunford added that every hospital in San Diego County will be participating in the Cardiac Arrest Registry to Enhance Survival (CARES) Program. CARES will provide a way to measure cardiac arrest in the community.

VII. PATIENT DESTINATION REPORTS

To be discussed at the PAC meeting this date.

VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL (Linda Rosenberg, R.N.)

The statewide Golden Guardian drill will occur in May, 2010 and a group is meeting in Del Mar this date regarding this. Rumor is two disaster events will occur simultaneously, one in Carlsbad and one in Coronado.

Hospitals continue to do their weekly bed drills reporting the bed status information to the federal level every month, every Tuesday before noon. Information is sent to County EMS first.

A review is upcoming for trauma centers to review their cache and review current supplies and replenish supplies that have expired.

The Hospital Preparedness Program (HPP) hospitals and clinics submitted their HPP Year Eight application to the State.

IX. ITEMS FOR FUTURE DISCUSSION

None.

X. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, February 16, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 12:45 p.m.



County of San Diego

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Tuesday, February 16, 2010

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Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – Co. Paramedics Agencies' Committee
Linnik, M.D., Bill – Sharp Grossmont
Marugg, Jim – S.D. County Paramedics' Association
Reilly, M.D., Ian – Scripps La Jolla
Workman, R.N., Debi – Palomar College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Smith, R.N., Susan
Stepanski, Barbara
Wiecjorek, Janet – SD County EMS

Recorder

Janet I. Wolchko

Guests Present

Allington, R.N., Linda – Carlsbad Fire
Anderson, R.N., Marilyn – Vista Fire
Bourdon, R.N., Darlene – Scripps Mercy
Brahau - Palomar
Broyles, R.N., Linda – AMR/RCCP
Buckley, M.D., Kevin – Naval Med. Cen. San Diego
Conover, Bill – Camp Pendleton Fire
Cox, Susan – Rady CH
Dotson, R.N., Melody – UCSD
Eldridge, R.N., Leslie – Sharp Memorial
Frasca, Jeremy – Palomar College Student
Gross, Toni – Rady CH
Graydon, Cheryl - Palomar
Hudnet, Carlen - SDMS
Idman-Gervais, R.N., Dianne – Sharp
Majerczak, R.N., Karen – Tri-City
Maxwell, Jonathan – Poway FD
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Mottet, Mary – CSA-17
Murphy, R.N., Mary – CSA-17
Ninberg, Lori – Rady CH
Ochs, Ginger – SD Fire Rescue
Rosenberg, R.N., Linda – Sharp Memorial
Savaser, Davut - UCSD
Serra, John - UCSD
Vogt, Rick – San Marcos FD
Whitfield, Denise – Navy

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson, brought the meeting to order at 11:09 a.m. The attendees introduced themselves.

II. APPROVAL OF MINUTES

There was a motion made by Michele Grad, M.D., seconded by Steve Zahller, M.D., to approve the minutes of January 19, 2010 as submitted. **MOTION carried.**

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Influenza: H1N1 continues at a low level in the community. The totals remain at 55 San Diego residents and several non residents that have died while infected with the H1N1 virus. There has been just over 900 people admitted to the hospital, about 200 in the County have been admitted to the ICU. Hospital ED visits have decreased and are approximately 80 percent lower than they were at the peak. The percent of deaths in the county from pneumonia and/or influenza is stable. Seventy five percent of patients who died had underlying medical conditions. Children's hospital reported they had four children with fulminant myocarditis associated with H1N1.

Public Health will be conducting five additional POD vaccination clinics throughout the County over the next few weeks.

King Airway: There had been a couple of cases discussed before where the distal tube tip bent back - information has been sent out to reemphasize training. It didn't affect ventilation, but the aim of providing a review of the training material is to avoid this from happening again in the future.

2010 Project: Changes to EMT certification and discipline are under development. It would be helpful for providers to keep personnel up on QCS. The fees for certification will be going up.

Hypothermia: At the last meeting post arrest care and hypothermia came up. Hospitals were surveyed and it was found that 10 out of 13 STEMI centers say they have an active hypothermia program. The remaining three are working on it.

Report on Haiti trip by Colleen Buono: Two weeks were spent with the International Relief group in Haiti. Food, water and supplies were brought. Most of the work was done outside the hospital in tents. There was no electricity, running water, oxygen or ventilators, there was 1 anesthesia machine. Infections, fractures and a couple of tetanus cases were examples of what was seen. There will be a presentation at UCSD on Wednesday the 24th at 12:30 in the auditorium and one that DMAT will present at 6 pm.

IV. BASE HOSPITAL NURSE COORDINATOR'S REPORT (LuAnn Howard, R.N.)

BHNC's will be educating MICN's to provide clear, full orders over the radio to avoid miscommunication and potential errors. They are that medics repeat the orders back in full to the MICN.

V. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

Dr. Davis provided a Power Point slide show of the ROC meeting that took place in San Diego last week. Talking points were on the Epistry, in-patient data, hypertonic saline studies, future observational studies and regionalization of care.

Dr. Davis suggested there is a need for a regional system of care for cardiac arrest and how to treat cardiac arrest similar to how we treat trauma.

ACTION: Dr. Reilly and Dr. Davis will work on this together to write a draft on what is going to be used as inclusion criteria for a hospital to be a resuscitation center, and then bring it up for discussion at the next meeting.

VI. PATIENT DESTINATION REPORTS

Susan Smith reviewed the patient transportation report draft.

The following suggestion were considered:

- On Page 5, G, when is it appropriate to use a PDR. The committee recommended that instead of using mild, moderate and acute, to use transport codes that have 20, 30, 40 and 50. Page 3 has the code definitions.
- On Page 3, B3, a suggestion was made to discuss the definition of the abnormal vital signs or altered level of consciousness.
- On page 4, D, it was suggested to delete the word treatment and a question on if the treatment and transport decision for emergency patients are to be made by the authority under which they are being held.

VII. TREATMENT PROTOCOLS

Dr. Haynes. A couple of meetings ago there was talk about the spitsock, and that the group supported the use on selected patients that could not be controlled by some other manner such as an oxygen mask or other restraint. It was confirmed that the group supported this and it was agreed that the color of the spitsock should be clear or light color.

There has been an observation that changes should be made to the policy addressing treatment of shocks delivered by AICD's. Currently SO treatment is limited to number of EMS witnessed shocks and should be changed to allow for reported shocks, including those reported by the patient. Additional changes to the treatment protocols include fluids and sepsis, as well as changing tourniquets to SO. These changes will be written up and brought to the next meeting.

Penetrating trauma. Trauma surgeons were supportive on either discontinuing spinal precautions in someone who doesn't have a deficit or to deemphasize immobilization in penetrating trauma.

In August there was a guideline practice in the Journal of Trauma about fluids in trauma patients and to add something to the guidelines to prevent critical or unstable patients from being held on scene to get a line

The resuscitation policy has been rewritten on the pronouncement of blunt trauma.

VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL

The Council is working on planning for the Golden Guardian drill on May 18, 2010. The first of APP grants have been submitted and they are waiting for the funds to come back to purchase items.

IX. ITEMS FOR FUTURE DISCUSSION

Wildfire respiratory injuries. It was suggested to have a presentation on wildfire respiratory injuries and the smoke components and effects on the firefighters.

San Diego fire communications. How 911 calls are routed and what new technology is available was discussed. There is new software available to find out how quickly calls are answered.

X. SET NEXT MEETING/ADJOURNMENT

The next meeting is scheduled for Tuesday, March 16, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 12:50 p.m.

Respectfully submitted,



Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY PUBLIC HEALTH SERVICES

NICK MACCHIONE, FACHE
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Minutes

Tuesday, March 16, 2009

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Glasser, M.D., Judd – Tri-City BHMD
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Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – Co. Paramedics Agencies' Committee
Linnik, M.D., Bill – Sharp Grossmont
Madati, M.D., Jamil – Children's Hospital
Marugg, Jim – S.D. County Paramedics' Association
Reilly, M.D., Ian – Scripps La Jolla
Schwartz, M.D., Brad – AMR Medical Director
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Smith, R.N., Susan
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Aker, Donna – UCSD ROC
Allington, Linda – Carlsbad Fire
Anderson, Marilyn – Vista Fire
Barnes, M. - SDMS
Bennett, M.D., Lt. Don - NMCSD
Broyles, Linda – AMR/RCCP
Buckley, Cmdr. Kevin - NMCSD
Cavanaugh, Mary – Miramar Fire
Conover, William K. – Pendleton Fire
Cullen, Jennifer - UCSD
Davis, M.D., Daniel – Mercy Air
Dotson, R.N., Melody - UCSD
Graydon, Cheryl - Palomar
Gross, Toni – Rady Children's
Hudnet, Carlen - SDMS
Idman-Gervais, R.N., Dianne – Sharp
Klingensmith, T - SDCPA
Lemire, H. - SDFD
Majerczak, R.N., Daren – Tri-City
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Mottet, Mary – CSA-17/SDMS
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Ninbert, Lore – Rady Children's
Ochs, Ginger – SD Fire Rescue
Roach, R.N., Lori – Loma Linda University
Rosenberg, R.N., Linda – Sharp Memorial
Seabloom, Lynne – Oceanside
Serra, John - UCSD
Vogt, Rick – San Marcos FD

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson, brought the meeting to order at 11:03 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

The February 16, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Dr. Haynes reviewed data on ALS patient transports, percent of patients bypassed per hospital and total hours on ED saturation by month and year.

Influenza: Over 900 patients have been hospitalized with influenza. Two hundred of those were admitted to the ICU and the number of fatalities remains at 55. As of December there have been no reported deaths from the virus. The average age of hospitalized cases is 33 years and the average age of fatal cases is 45. Seventy-five percent of the patients who died had underlying medical conditions.

Thirty percent of the population has received the vaccination nationwide and approximately 11 million vaccinations were given in California. The Immunizations Practices Committee is recommending that healthy young and middle age adults be added to the group receiving the seasonal flu vaccine next year. H1N1 will be one of the three strains to be included in the seasonal flu vaccine. Reported cases of influenza among people who have been vaccinated against H1N1 have been minor.

There have been 74 cases of Guillian-Barre reported during the flu season. Five of the cases received the H1N1 vaccination prior to developing Guillian-Barre which is less than the number of expected cases and less than the number seen during a normal flu season. There has been no correlation between the H1N1 vaccination and Guillian-Barre or other serious side effects.

California EMS Information System (CEMSIS) will be ready by July 1st. In-service training and practice will be available to the base hospital coordinators.

The 2010 changes to EMT licensure and discipline processes will be going into affect soon.

The Pearls for January were sent out. The "spitsock" issue will be added to the proposed changes in the treatment protocols review. Annex D comments and changes should be completed by June.

The Medical Director's Report will be sent out at a later date.

IV. BASE HOSPITAL NURSE COORDINATOR'S REPORT (BHNCs)
(LuAnn Howard, R.N.)

CEMSIS hands on training for the BHNCs and their assistants will be held in April.

BHNCs expressed concern regarding faxed PPR's and the potential for this to create issues regarding timely availability of prehospital information to the ED staff.

V. SAN DIEGO HEALTHCARE DISASTER COUNCIL

Receiving and closing of grant funds and backorders were discussed. They are looking for student volunteers to participate in the decon process for the drill on May 18th.

VI. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

PROPHET Study: The PROPHET study will be an expansion of the ROC epistry. Agencies that were contributing data to the ROC epistry will use the same resources and recommendations to identify patients for the PROPHET study. In addition, the PROPHET will include the collection of more hospital data points. Donna Aker will be working with the agencies to obtain access to the trauma epistry data from the last six years for the PROPHET study.

Protocol funds will be utilized for an observational study pending the next series of interventional studies that begin at the end of the calendar year. The protocol review committee which is designated by the NIA to make sure this is an adequate appropriation of funds will have questions, comments and feedback about each of the studies.

Ian Reilly: A brief slide presentation was given on the Resuscitation Centers, AHA regional system of care, summary of recommendations and levels of centers. Level 1 is essentially a STEMI center with requirements for CPR/ACLS/PALS and staff training. Level 2 includes the ability to transfer a patient to a designated center.

Dr. Haynes added information from previous years on patients who had suspected and possible cardiac cause. It was mentioned that expansion of community CPR training would be of significant value.

Jim Dunford: An update on CPAP was presented. Topics covered were respiratory distress, heart failure, procedure and types of medication administered. Slides were presented on alveolar instability and guidelines used for respiratory distress. Data on medications used for treatment of heart failure was reviewed.

VII. TREATMENT PROTOCOLS (Susan Smith, R.N.)

Proposed changes for the 2010 Treatment Protocols were reviewed. The treatment protocols undergo a complete review every other year; this is the year for minimal changes. The protocol task force will convene for review of all treatment protocols in

2011. Items of discussion included: ambulance inventory; spitsock and tourniquet procedure; ET/ETAD medication; hyperbaric chamber for burns and trauma protocols.

VIII. ITEMS FOR FUTURE DISCUSSION

Note: Prior to the Golden Guardian drill there will be a 15 minute clip for physicians and staff to view on radiation exposure and burns.

X. SET NEXT MEETING/ADJOURNMENT

The next meeting is scheduled for Tuesday, April 20, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 1:40 p.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

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Foehr, Rick – EMSTA College
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Murphy, R.N., Mary – CSA-17
Ninbert, Lore – Rady Children's
Ochs, Ginger – SD Fire Rescue
Quinn, Michele – Rady Children's
Rosenberg, R.N., Linda – Sharp Memorial
Rosenberger, Wendy – Tri City
Seabloom, Lynne – Oceanside
Serra, John – UCSD
Smith, Mitch – San Marcos Fire
Stonecipher, R.N., Joanne – Southwestern College

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson brought the meeting to order at 11:05 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

The March 16, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Dr. Haynes said a few words on the memorial service for Esteban Bahena and announced that Ron Neenan who worked as a field medic and in dispatch had also passed away.

Earthquake: A 7.2 earthquake near Mexicali was felt in San Diego. It was centered in the desert near Laguna Salada. There were two people with serious injuries in Imperial County and a number of moderate injuries from the earthquake. An ambulance strike team organized with personnel from San Diego Medical Services and American Medical Response went to Calexico and ran calls for 72 hours.

Influenza: A 22 year old with underlying medical conditions infected with H1N1 died last week. It is the first death associated with H1N1 since December. One other H1N1 infection was reported. Regional activity has been reported from Georgia, Alabama and South Carolina. A new study of H1N1 infection in healthcare workers before the start of vaccination indicated that ED personnel were at a higher risk of infection. That publication will be out soon. The H1N1 vaccine is still available throughout the County.

Bypass Hours: Data charts were furnished. ALS transports increased in March and the number of patient bypass and total hours of bypass by hospitals was low. Effort by the hospitals to implement procedures for improved patient flow has helped with the numbers.

2010 Project: Changes mandated by law in EMT licensing and discipline will occur under the "2010" project. A central registry of EMTs will be created at the state level. Policy changes in licensing and disciplinary actions are being reviewed. Causes for disciplinary action and standards for certification will follow state rules and disciplinary guidelines.

CEMSIS: California EMS information System (CEMSIS) is a registry of data points to bring consistent data across California based on the national NEMSIS system. The CEMSIS format for our QCS system is near completion and should be ready for the July 1 implementation date.

Pulmonary Hypertension: Use of Viagra for pulmonary hypertension was mentioned briefly in the report.

Tourniquets: Use of a tourniquet as the first intervention is appropriate when a patient has life threatening hemorrhage due to penetrating extremity trauma

Confusing DNRs: Dr. Haynes presented a DNR that had been altered by placement of a large “X” across the front to indicate that a patient wanted full resuscitative measures. Be alert for DNRs altered inappropriately to avoid confusion and unintended consequences.

FYI: Readers Digest March issue article “50 Secrets the ER Staff Won’t Tell You.”

Helicopter Transfers: A reminder on protocol involving helicopter transfers with two victims, one an adult and one a child. The most severely injured should go to the respective center first.

5150: The San Diego Police Department (SDPD) is instituting a new policy for individuals who are on a 5150 call. The SDPD has consulted with the hospital association and made a determination based on medical needs, clinical preference of the patient and patient insurance coverage, to transport patients who are considered 5150 to the hospital where they normally get their care or based on proximity to the nearest hospital location. The policy regarding delays to psychiatric hospital and medical clearance, LPS-designated facilities and number of patients affected was discussed.

Aerosol Transmissible Standards: Citations involving violations of the new Aerosol Transmissible Disease standard were posted to the Department of Industrial Relations website. The table lists Cal/OSHA inspections that resulted in citations issued with penalties of \$100,000 or more. The link to the website will be distributed electronically.

CAC Resuscitation Centers: (Mark Kramer, M.D.) Data was presented to CAC on the numbers of cardiac arrests and survival rates. There was general consensus among the three cardiologists who were interested to take the 15% of patients in cardiac arrest that are brought to non STEMI centers, and change that to all cardiac arrests should go to STEMI centers. They would agree with a system where some of the components are attached to the SRC system such as therapeutic hypothermia or post arrest care.

IV. BASE HOSPITAL NURSE COORDINATOR’S REPORT (BHNCs) (LuAnn Howard, R.N.)

In response to PAC inquiry, the Base Hospital Coordinators decided to audit the month of March and review each nonperfusing rhythm brought in as CPR status to base hospitals and determine how many of those are going to cath lab within 12 hours.

The issues of fire calls requesting assistance to place a person back in bed are often more complicated than a simple lift-assist and the need for a patient assessment was discussed.

Dr. Reilly asked when there would be access to the Cares Registry data. Dr. Dunford replied that they are entering data and there are about 200-300 patients listed. Information on the Cares Registry will be shared at the next meeting.

V. SAN DIEGO HEALTHCARE DISASTER COUNCIL (Linda Rosenberg, R.N.)

Facilities are asking for student volunteers to be patients in the decon event for the Golden Guardian drill on May 18th.

The CDC has videos and information on radiation exposure and decons. Contact Linda Rosenberg if you would like to share the videos with staff.

A reminder that the drill scheduled in November 18th will have a burn focus.

HPP deliverables for hospitals are due by June.

Hospitals that applied for a security grant designated specifically for security and lock down should be expecting results of their applications in October.

Chief Mattick representing the San Diego County Fire Chiefs Association spoke on "Triage Tuesdays". The goal is to familiarize field units and MICNs with the Rapid/START triage system and the tags during everyday operations, as opposed to during an actual mass casualty event. The last four digits of the triage tag number will be used as patient identifiers to track patient destination, both on "Triage Tuesdays" and during an actual event. Review of the program and feedback from the prehospital coordinators would be helpful.

VI. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

No new updates.

VII. AIR MEDICAL PRESENTATION (Kelly Forman, Mercy Air)

There are two Mercy Air helicopter ambulances in San Diego County located in Carlsbad and Gillespie field and mutual aid aircraft running out of Orange County, Anaheim, Banning and Hemet.

The purpose and mission statement is to provide air ambulance service 24 hours a day seven days a week. Air medical transportation is mandated by the County to have one aircraft in the community at all times. They have upgraded the aircraft to Instrument Flight Rule (IFR) capabilities utilizing the instruments, night vision goggles and moving map displays.

Aircraft and aircraft systems information was presented. Procedures and requirements for calls include: area location, patient information, weather conditions for transportation, night flying capabilities and safety issues. There were questions by the group on standby status, family member requests to ride along and language barriers.

A representative from the San Diego City Fire-Rescue Department talked about fire suppression helicopters and their use as backup for air medical transport. There is a minimum of one fire fighter paramedic and one EMT that accompany the air transport.

Air traffic control issues on communication with the hospitals and contact protocol was discussed.

VIII. REVIEW OF POLICY – S-412 AND S-415 (Susan Smith, R.N.)

Proposed changes on S-412 and S-415 policies were reviewed.

S-412 updates correct language to reflect Advanced EMT, as well as wording and language to match S-415 definitions.

S-415 updates clarified wording and definitions identified last month at BSPC when revisions were reviewed.

There was discussion on the use of EKG's and 12 Leads in screening patients.

IX. HOSPITAL RADIATION TRAINING (Linda Rosenberg, R.N.)

Information will be sent out to the committee members

X. ITEMS FOR FUTURE DISCUSSION

Dr. Haynes shared information from the California Healthcare Policy Institute issue brief on the protocol regarding decision making by families on DNR issues. The issue brief on new resuscitation protocol options will be distributed electronically. It was requested to bring the topic up at the next meeting.

XI. SET NEXT MEETING/ADJOURNMENT

The meeting scheduled for Tuesday, May 18, 2010, is cancelled due to the Golden Guardian exercise. The next meeting will be June 15, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 1:05 p.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY PUBLIC HEALTH SERVICES

NICK MACCHIONE, FACHE
DIRECTOR

WILMA J. WOOTEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Base Station Physicians' Committee (BSPC)

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c/o Emergency Medical Services
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San Diego, CA 92120
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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, June 15, 2010

Members Present

Buono, Colleen – UCSD BHMD
Grad, M.D., Michele – Palomar/Pomerado
Glasser, M.D., Judd – Tri-City BHMD
Howard, R.N., LuAnn – Scripps La Jolla
Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – CPAC
Linnik, M.D., Bill – Sharp Grossmont
Madati, M.D., Jamil – Children's Hospital ED MD
Reilly, M.D., Ian – Scripps La Jolla
Sallee, M.D., Don – NMCSO
Zahller, M.D., Steve – Scripps Mercy
Workman, R.N., Debi – Paramedic Training Program

County Staff Present

Haynes, M.D., Bruce
Metz, R.N. Metz
Smith, R.N., Susan
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Aker, Daniel – Palomar College
Aker, Donna Kelly – UCSD ROC
Allington, Linda – Carlsbad Fire
Anderson, Marilyn – Vista Fire
Barnes, Melanie - SDMS
Bourdon, R.N., Darlene – Scripps Mercy
Cavanaugh, Mary – Miramar Fire
Chen, Jenny - NMCSO
Colianno, Mona - NMCSO
Davis, M.D., Daniel – UCSD
Dotson, R.N., Melody - UCSD
Foehr, Rick – EMSTA College
Gray, Siobhan - UCSD
Graydon, Cheryl – Palomar
Gross, Toni – Rady Children's
Idman-Gervais, R.N., Dianne – Sharp
Klingensmith, T - SDCPA
Lemire, Harold - SDFD
Majerczak, R.N., Karen – Tri-City
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Mottet, Mary – CSA-17/SDMS
Murphy, R.N., Mary – CSAS-17
Ninberg, Lori – Rady Children's
Ochs, Ginger – SD Fire Rescue
Rosenberg, R.N., Linda – Sharp Memorial
Seabloom, Lynne – Oceanside
Smith, Mitch – San Marcos Fire
Stonecipher, R.N., Joanne – Southwestern College
Tomaneng, Neil – Tri-City medical Center

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson brought the meeting to order at 11:05 a.m. Attendees introduced themselves.

Dr. Judd Glasser introduced Dr. Neil Tomaneng who will be the Base Hospital Physician at Tri-City as of July 1st.

II. APPROVAL OF MINUTES

The April 20, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

A welcome back and thanks was extended to Dr. Sallee who has returned from deployment in Afghanistan.

Earthquake. Another earthquake registering at 5.9 was felt last night. It was centered five or six miles out from Ocotillo. No damage was reported.

Resuscitation Centers. There was discussion at the last meeting on incorporating resuscitation into the STEMI centers. Two documents from American Heart, one on resuscitation centers the other on post resuscitation care have been distributed to the Physician Medical Directors of CAC to share with their intensivists and cardiologists to take to committees.

Scripps La Jolla hosted a meeting with some of the aeromedical providers and addressed issues of multiple helicopters and air space. Based on information shared at this meeting, County EMS will put out some notes/guidance points.

Bypass Hours. Emergency department hospital bypass hours were low. South Bay hospitals have made a tremendous effort to reduce their overall hours. Congratulations!

Influenza.

H1N1 influenza is present at low levels in the community. There has been one death since December 2009. The H1N1 vaccine will be in the seasonal flu vaccine given in the fall.

In service changes. Tourniquets will be moved to standing orders; spinal stabilization for patients with penetrating injuries is no longer recommended in the treatment guidelines; however, patients with penetrating trauma who have a neurologic deficit should be immobilized. Protocol changes include inserting IV's en route in critical hypotensive trauma patients - do not delay on scene to insert, and an increase in the fluid bolus for treatment of septic shock.

Annex D. The Annex D revision is complete and has been forwarded to OES for review.

Hydrogen Sulfide. There are rare reports of individuals committing suicide with devices that generate hydrogen sulfide. If there is a sign of life, it should be safe to effect a

rescue. When a patient is found in an automobile, appropriate personal protective equipment should be utilized when moving the patient from the vehicle.

Jimson Weed. There are reports of Jimson Weed abuse by young people. Symptoms and signs include dilated pupils, altered mental status and incoherent speech.

Pearls. April Pearls will be out soon.

Policy P-401. Changes to the "Scope of Practice" document were made to make it consistent with the EMT 2010 regulations. The policy changes were reported to the committee for review and approval.

A motion was made to accept changes to policy P-401. Motion carried.

**IV. BASE HOSPITAL NURSE COORDINATOR'S REPORT (BHNCs)
(LuAnn Howard, R.N.)**

There was discussion on administering aspirin when a patient has acute chest pain. Dr. Haynes suggested leaving the issue as a base hospital order/variation until next year review.

Training on the dosing of Nitrostat (nitroglycerine) tabs from bottles was addressed. EMTs that assist patients in administering medication may not be aware of the dosage compared to the spray. Both the bottle and the box it comes in should have the dosing directions.

It is a violation of the Health Insurance Portability and Accountability Act (HIPPA) to photograph subjects in the field, without written consent. Confidentiality should be observed.

V. SAN DIEGO HEALTHCARE DISASTER COUNCIL (Linda Rosenberg, R.N.)

At the San Diego Healthcare Disaster Council meeting, facilities gave an overview of their participation in the Golden Guardian drill on May 18.

The next drill is November 18 and will focus on mass fatality and NDMS patients.

Grant funding deadline for deliverables is in June. There was some discussion during the Golden Guardian overview on purchasing radiation equipment.

VI. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

ROC is collecting data for the PROPHET study and contacted MICNs to collect prehospital information data.

VII. DRUG SHORTAGES (Dr. Haynes)

As a result of an FDA action regarding manufacturing and approval of prefills, there have been shortages of epinephrine and possibly dextrose in prefill syringes. EMS is looking

at options and surveying hospitals to see if they can help with supplies if a shortage develops.

There were comments and observation on dilution instructions and use of alternatives for the prefill drugs.

VIII. NEONATAL DRUG SHEET (Dr. Madati)

Dr. Madati reviewed the new neonatal drug sheet doses for newborns.

Reported changes and concerns were: neonatal resuscitations, 15 gauge standard needle usage in IOs, glucagon dosage, versed and meconium aspiration.

Debi Workman suggested having the drug sheet available to the hospitals.

IX. ATD OSHA REGULATIONS (Dr. Haynes)

OSHA regulations regarding Aerosol Transmitted Diseases are in place. A link to the reported citations is available in the June Medical Directors' Report.

To comply with the OSHA regulations, it is recommended to use the P100 mask in the field for high risk procedures. Use of PAPRs and P100s apply to hospitals as well and should be confirmed with hospital compliance.

X. DNR FAMILY DECISION-MAKING (Dr. Haynes)

The Issue Brief on the new resuscitation protocol from the California Healthcare Foundation will be sent to the committee. Dr. Haynes suggested that the County adopt the new resuscitation proposal guidelines for next year. The Issue Brief will be forwarded to County Counsel to review.

Comments were made on authority and case by case situations, formal DNRs and documentation.

XI. STROKE DESTINATIONS (Dr. Haynes)

Availability of stroke care facilities on line in South Bay was discussed.

XII. 2010 PROJECT (Marcy Metz, R.N.)

A PowerPoint was given on the overview of the EMT 2010 Project. EMT 2010 started as a result of AB 2917 that was signed by the Governor in 2009. Revisions were made to five chapters of regulations. A general overview of components of the bill include the Central Registry, background checks, investigations and discipline of the Administrative Practice Act (APA), Administrative Law Judge (ALJ) certification investigations, reimbursement fees and timelines.

Central Registry – Current EMT information will be grandfathered into the new system by June 25. Certificates will be printed from the Central Registry and information regarding certification will be available to the public through the website.

Background checks – As of July 1 all EMTs will have required background checks. Background investigations will include a national FBI background check.

Investigations/discipline –Relevant employer and disciplinary action as related to certification is required to be reported to the County within a 3-day timeline from receipt of information. LEMSA (local EMS) must follow the APA for appeals on certification actions. Certification actions will be entered into the Central Registry. Investigation of certification violations will go through an ALJ from the state administrative law offices.

State fees for EMT certification:

- First time certification \$75, \$22 for Central Registry, \$15 for ALJ reimbursement, \$38 for Criminal Offender Registration Information (CORI).
- Recertification - \$37, \$22 for central registry, \$15 for ALJ.

Final policies will go to the EMCC meeting for approval to meet the July 1 implementation.

XIII. ITEMS FOR FUTURE DISCUSSION

None.

XIV. NEXT MEETING/ADJOURNMENT

The next meeting will be July 20, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 12:37 p.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY PUBLIC HEALTH SERVICES

NICK MACCHIONE, FACHE
DIRECTOR

WILMA J. WOOTEN, M.D., M.P.H.
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Base Station Physicians' Committee (BSPC)

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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, July 20, 2010

Members Present

Buono, Colleen – UCSD BHMD
Grad, M.D., Michele – Palomar/Pomerado
Howard, R.N., LuAnn – Scripps La Jolla
Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – CPAC
Linnik, M.D., Bill – Sharp Grossmont
Madati, M.D., Jamil – Children's Hospital ED MD
Marugg, James – S.D. County Paramedics Association
Reilly, M.D., Ian – Scripps La Jolla
Sallee, M.D., Don – NMCSD
Schwartz, M.D., Brad – AMR Medical
Tomaneng, M.D. Neil – Tri-City Medical Center
Zahller, M.D., Steve – Scripps Mercy
Workman, R.N., Debi – Paramedic Training Program

County Staff Present

Haynes, M.D., Bruce
Smith, R.N., Susan
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Aker, Donna Kelly – UCSD ROC
Allington, Linda – Carlsbad Fire
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Davis, M.D., Daniel – UCSD
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Mottet, Mary – CSA-17/SDMS
Murphy, R.N., Mary – CSAS-17
Ninberg, Lori – Rady Children's
Ochs, Ginger – SD Fire Rescue
Rosenberg, R.N., Linda – Sharp Memorial
Rosenberger, Wendy – Tri-City
Stonecipher, R.N., Joanne – Southwestern College
Vogt, Rick – San Marcos Fire

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Ian Reilly, M.D., Chairperson brought the meeting to order at 11:07 a.m.

Attendees introduced themselves.

II. APPROVAL OF MINUTES

The June 15, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Drug Shortages. There is a continued shortage of epinephrine and dextrose 50 (D50) prefill syringes. Shortages may continue from mid July to as late as September or October. With shortages of D50, providers should obtain the lower concentrations of D25 and D10 that are available from their supplier. If there is no dextrose available then glucagon should be used in its place

There will be continued monitoring and information on the shortages sent out as it is received.

Aeromedical. Aeromedical agencies met to work on guidelines and coordination of helicopters arriving at hospitals at the same time. Communication issues were also discussed at the meeting.

Bypass Hours. Graphs were furnished showing the number of transports, total hours of bypass and offload delays. Number of transports went down and total hours on bypass remains at a low level.

Influenza. There haven't been any serious cases of influenza reported in the last month. H1N1 is still a predominant strain and will be in the influenza vaccine next fall.

Pertussis. Pertussis (whooping cough) cases have increased this year and can result in severe illness especially with the young. Adult vaccination is important to pertussis control, especially with those who have young infants in their family. EMS personnel may contract pertussis from patients, become ill and be unaware they are transmitting the virus to their younger patients. It is recommended for adults to have one dose of the Tdap containing tetanus and diphtheria.

Annex D. The Annex D revision has been forwarded to Office of Emergency Services (OES). Members of the EMCC Disaster Operations Subcommittee and task force workgroup met to consider comments and changes made to the Annex D document by OES and the Unified Disaster Council (UDC).

CEMSIS. The California EMS Information Systems (CEMSIS) became effective as of July 1, 2010.

EMT 2010 Project. County EMT information has been entered into the new state registry and EMS has begun the new licensing and recertification process for EMTs. It is recommended that field agencies have their EMTs check the registry on the public website to make sure their information is accurate.

Dr. Haynes talked to the state regarding the amount of time it is taking for paramedics to receive their licenses. If the license renewal date is approaching and the medic hasn't received their license from the State, they should check the State EMS Authority website that may show if their license has been renewed and is current.

Inquiry. There was a question regarding Base Hospital and mandated reporting of patients with seizure disorders. Dr. Haynes sent a message to Cal/ACEP to check information on the issue. He mentioned that there has not been a change in the present law.

CPR Anniversary. In the July 7, 2010 issue of Journal of the American Medical Association (JAMA) there was an editorial on the 50th Anniversary of CPR. Dr. Haynes gave a brief overview and history on how closed chest compressions and mouth-to-mouth resuscitation techniques combined and resulted in the development of modern CPR.

POLST. There was a report from the California Healthcare Foundation on a study that showed patients with a Physician's Order for Life Sustaining Treatment (POLST) form were 59 percent less likely to receive unwanted hospitalization or medical intervention than patients without a POLST.

Triage Tuesdays. (Colleen. Buono, M.D.) Dr. Buono attended a Fire Chiefs meeting where they discussed "Triage Tuesday", participation and representation from the facilities and using the triage tags. The goal for "Triage Tuesday" is to familiarize people with "start triage" and the triage tags. Issues of funding and collection of the tags were reviewed. The project will not start until the fall.

**IV. SAN DIEGO HEALTHCARE DISASTER COUNCIL (SDHCD)
(Linda Rosenberg, R.N.)**

There is a SDHDC meeting tomorrow, July 21, 2010. Linda Rosenberg will mention the triage tags at the meeting and bring up possibilities and sources of funding.

Hospitals held a debriefing on the May 18, 2010 Golden Guardian Exercise. Most hospitals reported that communication continues to be an issue including use of radios and people not familiarized with using handheld communication.

The Great California Shakeout drill is scheduled for October. It was mentioned that since Southern California is an area at risk for an earthquake, it might be more appropriate to participate in the Shakeout drill and have a table top only for the November drill. Ms. Rosenberg will find out what the state options are and how the grant funds are linked to the November drill.

V. ROC Update (Dan Davis, M.D.)

ROC has received some approvals from the peer review committee on the protocols. They seem receptive to the issue that resuscitation is a continuum that starts in the prehospital and continues within the hospital environment.

Dr. Davis added that there is an appreciation of EMS for keeping providers and hospitals engaged through participation in yearly conferences, and including representatives from hospitals and agencies.

Some funding is available for a local ROC day. They considered having a resuscitation conference for prehospital providers.

Data collection for the PROPHET trauma registry has started. Hospitals that are currently participating and collecting data are Scripps, UCSD and Mercy. Sharp, Palomar and Children's Hospitals are expected to start collecting data soon.

VI. POLICIES FOR REVIEW (Susan Smith, R.N.)

Changes in policies S-400 and B-450 were made in reference to language from the EMT 2010 regulations. Draft documents were furnished for review and approval.

S-400: Management of Controlled Substance. Memorandum of Agreement (MOA) and policy concerning the procurement, receipt, distribution and waste management of controlled substances was edited.

B-450: EMT Scope of Practice. There was discussion on authorization, supervision and monitoring of EMTs in the prehospital setting. A request was brought forward to vote on deleting the circumstance of the patient receiving no medications for at least thirty minutes prior to transport. All present were in favor of making the change.

A motion was made to approve S-400 and B-450 with changes. Motion carried.

VII. ITEMS FOR FUTURE DISCUSSION

Bill Linnik, M.D. wanted to know what the resources are in the County for suspected ruptured abdominal aortic aneurysms (AAA) and what the triage procedure is at trauma centers. There was a request to survey ER physicians and agencies on the idea of a backup vascular panel outside the trauma center to handle a 24/7, 365 day schedule for suspected ruptured AAA. There was discussion on the policy of trauma centers, liability and the QA standard. Dr. Haynes commented that a survey can be done on the subject.

VIII. NEXT MEETING/ADJOURNMENT

The next meeting will be September 21, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 12:37 p.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, September 21, 2010

Members Present

Buono, M.D., Colleen – UCSD BHMD
Davis, M.D., Daniel – UCSD Mercy Air
Grad, M.D., Michele – Palomar/Pomerado
Howard, R.N., LuAnn – Scripps La Jolla
Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – CPAC
Madati, M.D., Jamil – Children's Hospital ED MD
Marugg, James – S.D. County Paramedics Association
Sallee, M.D., Don – NMCSO
Schwartz, M.D., Brad – AMR Medical
Tomaneng, M.D. Neil – Tri-City Medical Center
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Pate, Rebecca
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Atigapramy, Nisa, - Rady Children's
Allington, Linda – Carlsbad Fire
Anderson, Marilyn – Vista Fire
Barnes, Melanie - SDMSE
Bourdon, R.N., Darlene – Scripps Mercy
Cavanaugh, Mary – Miramar Fire Department
Conover, William – Camp Pendleton fire
DeMers, Gerard – UCSD, EMS Fellow
Graydon, Cheryl – Palomar Medical Center
Healy, Marla – Sharp Memorial
Hinton, William – Mercy Air
Hudnet, Carle - SDMS
Idman-Gervais, R.N., Dianne – Sharp
Klingensmith, Todd – SD Co. Paramedic Association
Lindsey, Matt – North County Fire
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Murphy, R.N., Mary – CSAS-17
Ochs, Ginger – SD Fire Rescue
Reilly, M.D., Ian – Scripps La Jolla BHMD
Sapida, R.N., Juliet - UCSD
Serra, John – UCSD, EMS Fellow
Steen, Pamela – Valdez & Assoc. for Reach Air Med
Sweet, Pat - UCSD
Rosenberger, Wendy - Tri-City

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Dr. Zahller brought the meeting to order at 11:05 a.m.

Attendees introduced themselves. Dr. Buono introduced Juliet Sapida who is standing in for Melody Dotson during her absence. Mary Meadows-Pitt introduced Marla Healy

who is Linda Rosenberg's assistant coordinator and will be standing in for Ms. Rosenberg.

II. APPROVAL OF MINUTES

The July 20, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Rebecca Pate, R.N.)

Rebecca Pate reported for Dr. Haynes on the Medical Director's Report. The Medical Director's update was sent out on September 20, 2010.

Drug Shortages. There are reported shortages of prefill morphine 10 mg carpulets. Morphine should be available, but may be in different containers and concentrations. Agencies may have to temporarily use single dose vials of morphine 10 mg/mL containing one mL per vial. More information will be sent out.

Protocol Taskforce Review. The protocol taskforce is planning to start a full review of the protocols in October.

Dr. Kramer asked if there was a list of platelet and general anticoagulant medications to provide for prehospital personnel. **Action: Ms. Pate said that she will look into Dr. Kramer's request.**

IV. SAN DIEGO HEALTHCARE DISASTER COUNCIL (SDHDC) (Marla Healy, R.N.)

The County's 2010/2011 application for the Hospital Preparedness Program (HPP) has been submitted to the state. It is anticipated that the HPP9 grant contracts will be sent to the hospital CEOs soon.

On November 18 there will be a full scale disaster drill that will be a blast injury scenario. Prior to that there will be a mass fatality workshop on October 26, 2010 for the organizers of the drill.

Hospitals were asked to reassess their surge capacity. A tool to help with the reassessment will be sent out by Jan Spencley, to the representatives on the disaster committee.

September is National Disaster Preparedness month. Grainger has put together disaster kits which are available at wholesale cost for about \$14 each. Sharp Hospitals are selling the kits in their gift shops.

There has been discussion on standardizing hospital emergency codes, such as "code blue". A few states have standardized their codes, which would assist personnel who work at more than one facility.

Fire Chiefs and the County are looking at additional funding sources to provide triage tags for "Triage Tuesday". There will be training prior to the start of "Triage Tuesday" for hospitals and prehospital personnel.

There will be a California Shake out drill in October. The public is encouraged to participate by using the drop, cover and hold method. More information and resources on the drill can be found at Shakeout.org.

V. ROC Update (Dan Davis, M.D.)

There will be a Resuscitations Outcome Consortium (ROC) meeting and a pre-meeting for EMS personnel next month in Washington D.C. Funding is available for those who are interested in attending the EMS meeting on October 20, 2010. It is an opportunity to interface with nine other sites that will be attending.

The National Institute of Health (NIH) is funding sponsored ROC activities at each of the ROC sites. They anticipate holding a Resuscitation Conference sometime next spring that would resemble a CE conference, targeting providers. There was discussion on the registration fee and who would be interested in participating.

VI. POLICIES FOR REVIEW

There were no policies for review.

VII. ITEMS FOR FUTURE DISCUSSION

Dr. Madati stated that one of the nurses at Children's wanted to contact ambulance companies and paramedics to extend an invitation to attend debriefing sessions on pediatric death incidents that have occurred at Children's Hospital in the past couple of months. Jim Marugg suggested using the infectious control list of contacts for all the agencies. Dr. Madati talked about hospital/prehospital debriefing and an interest for staff to discuss incidents such as the recent plane crash and cardiac arrest issues that are not typically seen.

Dr. Davis was approached and asked if San Diego prehospital agencies would be interested in participating in evaluation of the LMA supreme airway device. Dr. Davis talked about the LMA supreme airway and how it compared to other airway devices such as the King airway. There proceeded to be a discussion on airway device issues, safety and instances that came up with the airway devices in the field. It was suggested to bring the subject back as an agenda item at the next meeting with more data from the County.

VIII. NEXT MEETING/ADJOURNMENT

The next meeting will be October 19, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 11:40 a.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY PUBLIC HEALTH SERVICES

NICK MACCHIONE, FACHE
DIRECTOR

WILMA J. WOOTEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Base Station Physicians' Committee (BSPC)
Ian Reilly, M.D., Chairperson
c/o Emergency Medical Services
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San Diego, CA 92120
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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, October 19, 2010

Members Present

Buono, M.D., Colleen – UCSD BHMD
Grad, M.D., Michele – Palomar/Pomerado
Linnik, M.D., Bill – Sharp Grossmont BHMD
Kramer, M.D., Mark – Sharp Memorial
Marugg, James – S.D. County Paramedics Association
Reilly, M.D., Ian - Scripps La Jolla BHMD
Sallee, M.D., Don – NMCSD
Schwartz, M.D., Brad – AMR Medical
Tomaneng, M.D. Neil – Tri-City Medical Center
Zahller, M.D., Steve – Scripps Mercy
Workman, R.N., Debi – Paramedic Training Program

County Staff Present

Haynes, M.D., Bruce
Smith, Susan
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Allington, Linda – Carlsbad Fire
Anderson, Marilyn – Vista Fire
Barnes, Melanie – SDMSE
Bourdon, Darlene - Scripps
Broyles, Linda – AMR/RCCP
Collins, R.N., Marissa – Tri-City (for Karen Majerczak)
Conover, William – Camp Pendleton fire
DeMers, Gerard – UCSD, EMS Fellow
Foehr, Rick – EMSTA College
Forman, Kelly – Mercy Air
Graydon, Cheryl – Palomar Medical Center
Hansen, Peter Martin – Oden University Hosp., Denmark
Healy, Marla – Sharp Memorial
Idman-Gervais, R.N., Dianne – Sharp
Kahn, M.D., Chris – UC Irvine/UCSD
Kelly, Donna – UCSD/ROC (for Dr. Davis)
Kelty, Lisa A. – Camp Pendleton EMS Director
Klingensmith, Todd – SD Co. Paramedic Association
Lemire, Harold - SDFD
Lindsey, Matt – North County Fire
Mattick, Richard – Santee Fire
Matuzinski, Amy – UCSD Med Ctr (for Melody Dotson)
Maxwell, Jonathan – Poway Fire
Maxwell, Paul – SD County Paramedic Assoc.
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Murphy, R.N., Mary – CSA-17 Fire Department
Ochs, Ginger – SD Fire Rescue
Preciado, Leigh – Scripps La Jolla
Quinn, Michell – Rady Children's
Rosenberg, R.N., Linda – Sharp Memorial
Sapida, R.N., Juliet – UCSD Med Ctr (for Melody Dotson)
Seabloom, R.N., Lynne – Oceanside Fire

Serra, John – UCSD, EMS Fellow
Sheppard, Stephen – Julian Cuyamaca Fire
Stonecipher, R.N., Joanne – Southwestern College
Vogt, Rick – San Marcos Fire.
Wallar, Christopher – Sharp Memorial
Walrath, Ben – NMCSO/UCSD EMS

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Dr. Reilly brought the meeting to order at 11:05 a.m.

II. APPROVAL OF MINUTES

The September 21, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Dr. Haynes)

Influenza: Mandatory vaccination has been recommended by The Society of Healthcare Epidemiologists and the Germ Commission. Children's Hospital has already adopted a mandatory vaccination policy for employees. Jury Duty deferral for healthcare providers was discussed. Anyone called to jury duty can request a deferment, Healthcare providers may request a deferment during the flu season, as needed.

Pertussis: The pertussis epidemic continues and it is recommended that everyone receive a Tdap vaccination. Healthcare providers are especially advised get the vaccination to help prevent passing pertussis to patients. San Diego County has 681 confirmed cases of pertussis this year. The majority of the cases are under the age of 18. The previous high for the County was 371 cases in 2005. The www.shotbyspot.org/ website has a collection of stories from people that have had a vaccine preventable illness. The website is also a valuable resource of information for those who may have concerns with immunization.

ACLS: The American Heart Association (AHA) guidelines were released yesterday. The guidelines will be reviewed and evaluated for any needed updates to our treatment protocols.

ECCU2010: The Citizens CPR Foundation is hosting their emergency cardiovascular care conference on December 7-11, 2010 in San Diego. Registration information and the complete program are available at ECCU2010.com.

Dr. Steve Tharratt, Director of the State EMS Authority has resigned and has accepted the position of Medical Director for the state prison system.

Nucynta is a new oral narcotic pain medication that is intended for moderate to severe pain. Nucynta is reversed with naloxone.

Stroke witnesses: It is recommended that a witness or family member who can provide an accurate history accompany a patient who has just suffered an acute stroke. It is important to obtain an accurate time of onset for acute strokes.

Overcrowding Summit: Billy Mallon from USC reviewed the literature on the causes and solutions for overcrowding. The new Healthcare bill was reviewed by the Chief Executive of

the Hospital Council and by Dr. Hertzka who is an anesthesiology and former President of the California Medical Association. Panels of ED Medical Directors and Hospital Administrators presented initiatives and programs that were implemented over the last year. Information will be shared among the hospitals. If you did not attend the summit and want to view the slides, please contact Dr. Haynes or Ronett Lev.

Congenital Adrenal Hyperplasia: A group in the state wants to add Solu-Cortef in the field for children with congenital adrenal hyperplasia. Patients with this condition can die suddenly due to lack of steroids that is often manifested by shock. Education through in-service is recommended to open up discussion and bring awareness of the disease.

Compression only CPR: Compression only CPR was found superior to no CPR or traditional CPR with ventilations when used by bystanders on patients with a cardiac cause of arrest. The rate of patient survival to hospital discharge was improved when compression only CPR was administered.

Drug Shortages. Morphine vials may be used in the field during an anticipated shortage of prefill morphine carpupjets. Be aware that versed vials are similar to the morphine vials, although one has a green cap, the other an orange. But the similarity leads itself to error and there should be a heightened awareness. Some hospitals have also reported shortages of succinylcholine.

Ticagrelor is a new antiplatelet agent. Treat it similar to Plavix and Coumadin.

High Capacity Plan: The committee that reviews the High Capacity Plan will meet in the next few weeks to see if there are changes for the coming flu season.

Protocol Task Force: Suggestions for changes to the protocols can be sent to Dr. Haynes, Susan Smith, a base hospital nurse coordinator or an agency EMS coordinator.

Rattlesnake bite: There has been a reported death from a rattlesnake bite. They are not sure if the patient collapsed and died because of the rattlesnake bite or if it was due to a heart attack.
Action: Dr. Haynes will follow-up with the coroners office to find the cause of death.
Dr. Buono added that a study on rattlesnake bites and anti-venom is being done by the UCSD detox department.

Cardiac Advisory Committee: The Cardio Advisory Committee discussed the idea forwarded to them on whether they should be considered as a resuscitation center since they already provide the angiography, angioplasty and heart surgery to the stemi patients. Most are adopting therapeutic hypothermia and the new American Heart Association recommended post resuscitative care and intensive care guidelines.

Follow-up discussion on the Overcrowding issue: Linda Rosenberg will provide the agenda, program information and PowerPoint that was presented at the Overcrowding Summit.

There was discussion regarding hallway bed issues. Mercy Hillcrest and Chula Vista and Sharp Chula Vista have made changes to address their overcrowding issue. Hospitals have used different techniques to reduce their bypass and waiting time. Procedures were discussed and a suggestion was made to have a presentation from Scripps and/or Sharp Hospitals on the improvements they have made to address overcrowding.

Dr. Reilly gave a brief overview of the 2010 American Heart Association (AHA) guidelines:

- ABC is changing to CAB, basically chest compressions first except in circumstances with pediatrics or suspicion of a respiratory primary cause such as drowning.
- Chest compressions are recommended to be started for patients that are unresponsive and are not breathing or are breathing abnormally. They are doing away with look, listen and feel. Healthcare providers should take no more than 10 seconds to determine if a pulse is present.
- End-Tidal CO2 capnography is now Class 1 recommendation for confirmation and monitoring of endotracheal tube placement.
- The American College of Surgeons (ACS) guidelines made new recommendations for triage of patients to PCI centers after cardiac arrest.
- Cuffed endotracheal tubes are recommended for children. Neonatal suction has been deemphasized in children with meconium-stained amniotic fluid.

The executive summary of the guidelines can be found on the AHA website. The recommendations will be brought to the protocol committee.

Triage Tuesdays: Dr. Buono and Chief Mattick have been meeting to update information on Triage Tuesdays. A presentation and update on the project was given to the San Diego Healthcare Disaster Council (SDHDC). The focus of discussion has been on funding for the tags and coordination and collection of the tags at the facilities. It was suggested that the BHNCs could be the contacts for tag collection at the hospitals and QA individuals could be the contacts for the agencies. A list of the contacts will be prepared and a protocol for the tags will be set up. Training sessions will be held annually and a website will be available for updates and to provide information on the progress of the program.

IV. SAN DIEGO HEALTHCARE DISASTER COUNCIL (SDHDC) (Linda Rosenberg, R.N.)

The SDHDC will be meeting tomorrow.

The HPP grant for 2008 has been distributed.

The HPP grant for 2009 has been submitted to the state for approval. Grant funds are anticipated to be similar to the amounts from last year. This year there will be a focus on the fatality plans and pediatric disaster care.

The Coroner's Office is going to an electronic medical version of documentation for death registries. Hospitals are training individuals on the Electronic Death Registry System (EDRS) to enter information in the event of a disaster. Physicians will be able to access signatures from the Death Certificate Office through the electronic system.

November 18, 2010 is the Statewide Emergency Preparedness exercise. October 20, 2010 is the final exercise planning day. October 26, 2010 is the tabletop exercise

SDHDC is at the survey level on standardizing emergency codes. The council has reviewed and discussed the list and titles of codes that have been collected from each hospital. Standardization of codes will make it easier for employees that may work at several facilities and for the prehospital employees to be familiar with one set of similar codes.

Hospitals funds are limited but they would like to contribute some of their funds with the fire agencies to for the purchase of tags for Triage Tuesday.

V. ROC Update (Donna Kelly for Dr. Davis)

The PROPHET trauma registry is going to the County for review. An observational trial will be conducted after review.

There will be more updates on the ROC Epistry after the annual ROC meeting tomorrow.

Dr. Haynes mentioned the ROC article published regarding hypertonic saline on traumatic brain injuries without hypotension. The article can be found in the October 6, 2010 publication of JAMA.

VI. POLICIES FOR REVIEW

There were no policies for review.

VII. ITEMS FOR FUTURE DISCUSSION

Add a presentation by Mercy Hospital regarding the improvements they have made addressing their overcrowding issue to the next BSPC meeting agenda.

AHA guidelines and instructor course information will be discussed at the San Diego Medical Conference on December 7-11, 2010.

Follow-up on the rattlesnake anti-venom issue: Dr. Buono received information on the inquiry earlier in the meeting regarding reactions to rattlesnake bite antidote. She reported that there have been no reactions to anti-venom reported and added that a new anti-venom drug is being given that has fewer side effects and is easier to use.

VIII. NEXT MEETING/ADJOURNMENT

The next meeting will be November 16, 2010, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 11:40 a.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS



County of San Diego

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Public Health Laboratory
PH Nursing/Border Health
TB Control & Refugee Health
Vital Records

BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, November 16, 2010

Members Present

Buono, M.D., Colleen – UCSD BHMD
Howard, R.N., LuAnn – BHNC
Linnik, M.D., Bill – Sharp Grossmont BHMD
Kramer, M.D., Mark – Sharp Memorial
Kusman, Travis – CPAC
Madati, M.D., Jamil – Children's Hospital ED MD
Marugg, James – S.D. County Paramedics Association
Reilly, M.D., Ian - Scripps La Jolla BHMD
Sallee, M.D., Don – NMCSD
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Smith, Susan
Stepanski, Barbara

Recorder

Janet I. Wolchko

Guests Present

Allington, Linda – Carlsbad Fire
Anderson, Marilyn – Vista Fire
Bourdon, Darlene – Scripps
Broyles, Linda – AMR/RCCP
Conover, William – Camp Pendleton Fire
Davis, M.D., Dan – Mercy Air
DeMers, Gerard – UCSD, EMS Fellow
Foehr, Rick – EMSTA College
Graydon, Cheryl – Palomar Medical Center
Healy, Marla – Sharp Memorial
Hinton, Bill – Mercy Air
Hudnet, Carlene - SDMS
Idman-Gervais, R.N., Dianne – Sharp
Kelly Aker, Donna – UCSD/ROC
Klingensmith, Todd – SD Co. Paramedic Association
Lemire, Harold - SDFD
Matuzinski, Amy – UCSD Medical Center
Maxwell, Paul – SD County Paramedic Assoc
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Mottet, Mary - SDMS
Ninberg, Lori – Rady children's
Ochs, Ginger – SD Fire Rescue
OConnell, Charles – UCSD
Rosenberg, R.N., Linda – Sharp Memorial
Sapida, R.N., Juliet – UCSD Med Ctr (for Melody Dotson)
Seabloom, R.N., Lynne – Oceanside Fire
Vogt, Rick – San Marcos Fire.

I. CALL TO ORDER/INTRODUCTIONS/ANNOUNCEMENTS

Dr. Reilly called the meeting to order at 11:02 a.m.

II. APPROVAL OF MINUTES

The October 19, 2010 minutes were approved.

III. MEDICAL DIRECTOR'S REPORT (Dr. Haynes)

The Citizen CPR Foundation will host their emergency cardiovascular care conference on December 7-11, 2010 in San Diego. Details can be found at ECCU2010.com.

Influenza: The California Department of Public Health released a new Guidance document for influenza prevention in the health care setting. For patients with suspected or confirmed influenza it is recommended to wear a surgical mask within 6 feet of the patient and when entering their room. With invasive procedures, a fitted N95 mask is appropriate along with gloves, gown and a face shield.

Vaccine: The San Diego County Medical Society GERM Commission has written a white paper for mandatory vaccination of healthcare workers at hospitals. Rady Children's Hospital is requiring nursing staff and employees to have mandatory vaccination or wear a mask. Field EMS providers should also have the vaccine.

2011 Protocol Updates: The protocol subcommittee met twice to review the protocols. If you have suggestions for the protocols contact EMS, your base hospital or EMS coordinator. The ACLS guidelines have been released and will be factored into the updates.

Capacity Plan: The capacity task force met and had a few revisions to the Capacity Plan for this year's flu season. For jury duty deferment during the flu season, it is allowable to ask for two jury duty postponements.

Stroke witnesses: It is recommended that a witness or family member who can provide an accurate history accompany a patient who has just suffered a stroke. It is important to obtain an accurate time of onset for acute strokes.

CPR: A CPR instruction event will take place on the Midway flight deck December 5, 2010.

Tobacco: There are reports of kids smoking tobacco through hookahs and mixing it with alcohol. Please inform the physician and EMS of any reports so the issue can be watched.

Pertussis: As the pertussis epidemic continues, it is recommended that individuals are vaccinated with the Tdap vaccine in addition to the influenza vaccine. Because a number of children that had pertussis were immunized, information on the vaccine's effectiveness is being reviewed.

Drug Shortages. The morphine shortage that was mentioned in previous reports has not materialized. There was a rumor of a Zofran shortage, but it may only be one case and could be a distributor problem.

Safe Surrender. There was a third safe surrender reported in Oceanside. The individual that surrendered the infant did not stay long enough to leave a medical history.

IV. LVAD PRESENTATION (Marsha Stahovich, R.N.)

Marsha Stahovich from Sharp Memorial Hospital introduced herself. Ms. Stahovich is the Mechanical Support Coordinator for the Left Ventricular Assist Device (LVAD) program.

The LVAD is a battery-operated, mechanical pump-type device that is surgically implanted. The device helps maintain the pumping ability of a heart that can't effectively work on its own.

The Heartmate II LVAD was approved for bridge and transplant last year in April and is now approved for destination therapy. Destination therapy is for the patient who will be on the pump for the rest of their life. Bridge to transplant is for the patient who is waiting for a heart transplant. Bridge to recovery indicates that the patient might have a pump for six to nine months where the original problem might have been related to a viral illnesses and where there wasn't ischemic damage to their heart; therefore, their heart may recover and they are able to wean them off the pump.

There are about 55 patients in the San Diego Community that have an LVAD implanted device. The youngest patient is 15 years old. Currently there is not a LVAD small enough for pediatrics.

Ms. Stahovich described monitoring of the LVAD, the power source and the contact information provided to the patients and their family and/or provider. A DVD and handout information is available for the EMS/Dispatch centers to use for education and training.

There was a suggestion to include the LVAD information in the protocol books.

Linda Rosenberg has copies of the DVDs for facilities and agencies that have not received them.

V. OVERCROWDING PRESENTATION (Dr. Lev)

Dr. Reilly introduced Dr. Lev, chair of the EMOC Committee and sponsor of the yearly overcrowding summit. At the previous BSPC meeting there was a request to present information on the overcrowding issue and solution. Dr. Lev presented a summary of changes implemented at the Scripps campuses to address the overcrowding and through-put issues.

The San Diego and Chula Vista campuses of Scripps Mercy Hospital have been redesigned to decrease, if not eliminate delays. Last year, Mercy had the highest number of visits per bed, 2,689. National recommendation is for 1600 visits per bed.

Physical layout changes. Design went from 35 treatment areas to 50 treatment areas. The system process was changed and incorporated the following areas.

- The Quick Screen (QS) area where the nurse assesses if the patient should be in a recliner or a gurney.

- The Intake area where the physician conducts a physical check of the patient and where patient vitals are taken. The nurse then enters the patient's medical history into the hospital information system.
- The DRD lounge where the patient will wait for x-rays to be taken, for procedures such as suturing or a splint, or for discharge paperwork or prescriptions. Officially the Department of Health does not allow treatment of patients to be done in the DRD lounge.
- The Procedure room is for suturing and splint procedures.

Advantages of system. Have been able to nearly eliminate patients "left without treatment" (LWOT), no billing information taken in the intake area, no Emergency Medical Treatment & Labor Act (EMTALA) risk for prolong waits, no duplication of questions for the patient, and more bed space.

Disadvantages of the system. An additional physician is added, there can be a stressful learning period that will need team nursing, and it may take time to explain the process to the patient. During the redesign, computer support and physical space is limited.

Data and Statistics. Door to doc time went from 102 to 36 minutes, length of stay went from an average of 5.7 to 3 hours, LWOT went from 6 percent to almost 0. Bypass is reduced. Door to discharge is three hours. Overall time for admitted patients is five hours.

There was discussion and inquiries on the tracking of medication, patient errors and the process taken to hire a consulting firm.

The PowerPoint presentation from 2009 can be located on the website under the San Diego Medical County Association, EMOC. The EMOC survey will be posted on the website. Dr. Lev will leave the presentation with Linda Rosenberg.

VI. SAN DIEGO HEALTHCARE DISASTER COUNCIL (SDHDC) (Linda Rosenberg, R.N.)

On November 18, 2010 the National Disaster Medical System (NDMS) exercise will take place from 8:00 am – 12:00 pm with patients landing at Miramar to be distributed to the hospitals. November 17, 2010 there will be a CASS alert with the number of patients that each facility will be receiving during the NDMS drill. The CASS and JPATS systems will be used to enter patient data.

The coroners Electronic Death Registry System (EDRS) system will be tested during the Mass Fatality portion of the exercise.

The California Department of Public Health (CDPH) is asking for a HAVBED reporting and bed count from the hospitals.

VII. ROC Update (Dr. Davis)

The ROC resuscitation conference date is scheduled to occur in April 2011. The conference will be a one day event with joint sessions in the morning and afternoon, split into a

prehospital and inpatient track. Prehospital providers can use the National Institute of Health (NIH) grant for credits. There will be more details to come.

The next group of ROC studies for 2011 will be on prehospital lactate and/or cardiac arrest. Prime study papers will be accepted for publication which will be out in the next couple of months. Hypertonic saline studies are currently out in JAMA and Annals of Surgery.

Three weeks ago ROC sites were invited to send representatives to a NIH field day in Washington. First responders and field representatives were invited to discuss the projects they would like to be involved with as a critical component of ROC.

VIII. ITEMS FOR FUTURE DISCUSSION

Ginger Ochs announced that Mary Mottet is retiring on December 15, 2010 after 32 years with SDMS.

Dr. Dunford would like to bring CARES cardiac arrest data to the meeting in February.

San Diego designated cooling and resuscitation centers were discussed. The objective is to create a countywide protocol for cardiac arrest victims to go to facilities that offer cooling, and bypass the facilities that don't. CAC has discussed the topic at their last two meetings and will have more information after the January meeting.

The City of San Diego is on schedule to obtain monitors to transmit twelve leads at hospitals through a preferred phone line method. When the hospitals, EMS and clinics all collaborate and exchange information they will be moving away from fax, to phone, to wireless. The cost for the City to upgrade to the system is \$3 million. Funding is being provided through the Beacon Grant.

IX. NEXT MEETING/ADJOURNMENT

The next meeting will be January 18, 2011, 11:00 a.m. at Sharp Spectrum, 8695 Spectrum Center Court, Kearny Mesa, San Diego, California.

The meeting adjourned at 12:45 p.m.

Submitted by

Janet I. Wolchko,
Administrative Secretary
County EMS